



# AVISCERA BIOSCIENCE

## Anti-Rat Soluble RAGE Antibody

### Product Information

Code	A00112-03-100
Name	Rat sRAGE Ab
Clone No.	Polyclonal
Lot No.	20110299
Size	100 µg
Species	Human
Host	Rabbit
Immunogen	sRAGE (Rat), rec.
Ab Type	Rabbit IgG
Purification	Protein A
Formulation	PBS lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	R, M
Reconstitution	PBS, 100 µl
Application	IHC WB ELISA

### Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant rat RAGE extracellular domain. That was purified with Protein A affinity.

### Formulation

100 µg of rabbit anti-rat sRAGE Purified IgG in 100 µl of PBS without preservatives was lyophilized.

### Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize rat sRAGE in direct ELISAs and immunohistochemistry.

### Applications

**Direct ELISA** - This antibody can be used at 1:4000 (0.25 µg/ml) with the appropriate secondary reagents to detect recombinant rat sRAGE.

**Western blot** - This antibody can be used at 1: 500~ 1000 [1~2 µg/mL ] with the appropriate secondary reagents to detect recombinant rat sRAGE under reduce condition. The detection limit for recombinant rat sRAGE approximately 15 ng/lane under reduce conditions.

**Immunohistochemistry**-That Antibody can be used at 1: 500 with the appropriate secondary antibody to detect sRAGE in rat and mouse kidney tissues (ABC).

*Optimal dilutions should be determined by each laboratory for each application.*

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